

# Michael Lerche — Publications

Lerche, M., D. Haskel, N. Souta-Neto, W. Sturhahn, G. Shen, and K.S. Suslick: Magnetism of amorphous iron at pressures up to 30GPa, in preparation

Winterrose, M. L., M.S. Lucas, A.F. Yue, I. Halevy, L. Mauger, J.A. Muñoz, Jingzhu Hu, M. Lerche, and B. Fultz: Pressure-Induced Invar Behavior in Pd<sub>3</sub>Fe. *Phys. Rev. Lett.* (2009) - accepted

Gao, L., B. Chen, M. Lerche, E.E., Alp, W. Sturhahn, J. Zhao, H. Yavaş, and J. Li: Sound Velocities of Compressed Fe<sub>3</sub>C from Simultaneous Synchrotron X-ray Diffraction and Nuclear Resonant Scattering Measurements. *J.Synchrotron Rad.*, (2009) - accepted

Jackson, J., W. Sturhahn, O. Tschauner, M. Lerche, and Y. Fei: Behavior of iron in (Mg,Fe)SiO<sub>3</sub> post-perovskite assemblages at Mbar pressures. *Geophys. Res. Lett.* **36**, L10301. (2009)

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